



September 8, 2019 Payload 2 Daily Flight Report



**Date:** 2019-09-08  
**Flight Campaign ID:** 2019\_P2C1  
**Airport, FBO ID, City:** Scottsdale Airport (KSDL) - Scottsdale, AZ

**Domain:** 14  
**Sites Flown:** None  
**Days left in Domain:** 6

**Report Author:** Mitch Haynes  
**Flight Crew:** Mitch Haynes, Cameron Chapman  
**Ground/GPS:** Ivana Vu  
**Pilots:** Micah Hoogeveen, Paul Muth  
**Additional Personnel:**  
**GPS Instruments:**

**Flight Hours:** 00:00  
**Hours until maintenance:** 93.03

**Summary**

Stratus layer present early, gradually replaced by building cumulus clouds across southeastern Arizona. No flights were attempted.

**Concerns**

None

**Comments**

None

**Cumulative Domain Coverage**

**JORN\_P1**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34						

Flown: 100% (34/34)  
 Green: 91% (31/34)  
 Yellow: 9% (3/34)  
 Red: 0% (0/34)

**JORN\_P2**

35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
55																			

Flown: 100% (21/21)  
 Green: 5% (1/21)  
 Yellow: 100% (21/21)  
 Red: 0% (0/21)

**N14A**

1
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Flown: 100% (1/1)  
 Green: 100% (1/1)  
 Yellow: 0% (0/1)  
 Red: 0% (0/1)

**SRER\_P1**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
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21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
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Flown: 100% (40/40)  
 Green: 88% (35/40)  
 Yellow: 28% (11/40)  
 Red: 0% (0/40)

**SRER\_P2**

41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64																

Flown: 58% (14/24)  
 Green: 0% (0/24)  
 Yellow: 58% (14/24)  
 Red: 0% (0/24)

**SRER\_P3**

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90														

Flown: 38% (10/26)  
 Green: 38% (10/26)  
 Yellow: 0% (0/26)  
 Red: 0% (0/26)

**SYCA**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52								

Flown: 0% (0/52)  
 Green: 0% (0/52)  
 Yellow: 0% (0/52)  
 Red: 0% (0/52)

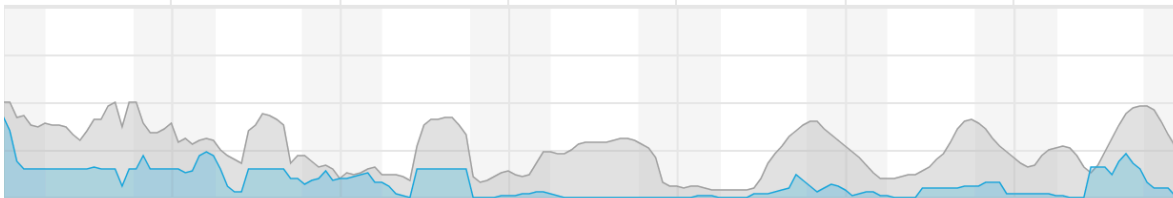
**Estimated Cloud Cover Key**

Green:	Yellow:	Red:
0-10%	10-50%	>50%

**Weather Forecast**

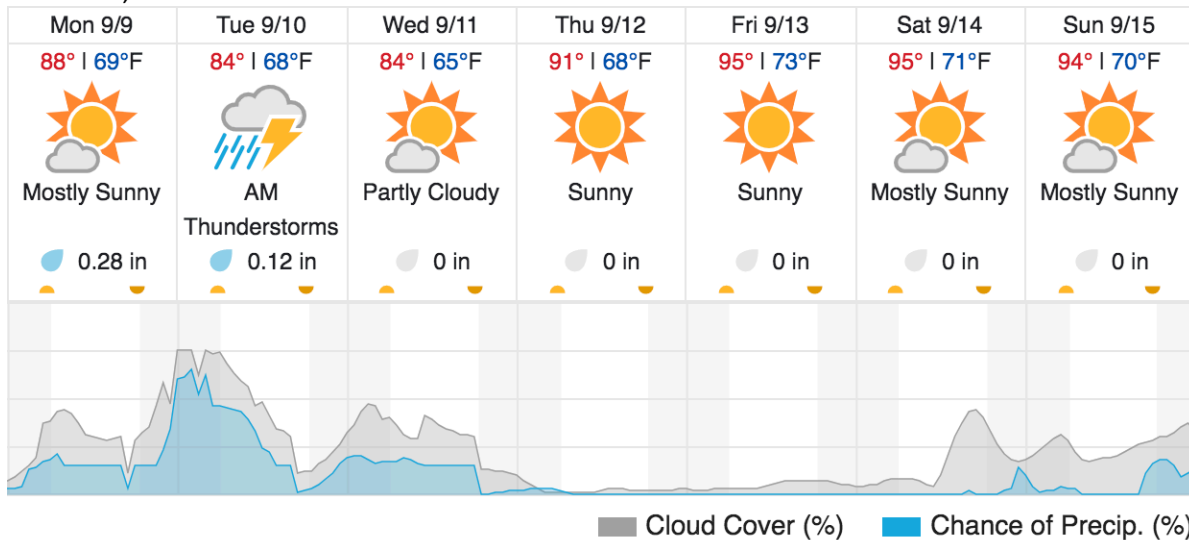
Tucson, AZ

Mon 9/9	Tue 9/10	Wed 9/11	Thu 9/12	Fri 9/13	Sat 9/14	Sun 9/15
91°   73°F	91°   70°F	91°   70°F	96°   72°F	99°   74°F	98°   73°F	97°   72°F
Partly Cloudy	Partly Cloudy	Mostly Sunny	Mostly Sunny	Mostly Sunny	Mostly Sunny	Mostly Sunny
0 in	0 in	0 in	0 in	0 in	0 in	0 in



■ Cloud Cover (%)    ■ Chance of Precip. (%)

Rio Verde, AZ



**Flight Collection Plan for 9 September 2019**

**Flyority 1:**

Collection Area: Santa Rita Experimental Range – Priority 1 Flight Box (SRER\_P1), Re-fly lines 30-35 if Green

Flight Plan Name: D14\_SRER\_C1\_P1\_P2\_P3\_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

**Flyority 2:**

Collection Area: Santa Rita Experimental Range – Priority 2 Flight Box (SRER\_P2)

Flight Plan Name: D14\_SRER\_C1\_P1\_P2\_P3\_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

**Flyority 3:**

Collection Area: Santa Rita Experimental Range – Priority 3 Flight Box (SRER\_P3)

Flight Plan Name: D14\_SRER\_C1\_P1\_P2\_P3\_v5.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

**Flyority 4:**

Collection Area: Sycamore Creek – Priority 1 Flight Box (SYCA)

Flight Plan Name: D14\_SYCA\_A1\_P1\_v5\_750\_max.pln

On-station Time: 1620 – 2230 UTC / 0920 – 1530 MST

**Crew:** Cameron Chapman (Lidar), Ivana Vu (NIS), Mitch Hayne (Ground/GPS)